

REMARKS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-7, 9-13 and 15-19 are pending in the present application. Claims 1, 2, 5, 6, 9-11, 12, 15 and 18 have been amended by the present amendment. No new matter is added.

Claim Rejections – 35 U.S.C. § 112, Second Paragraph

Regarding the rejection of claims 1-7, 9-13 and 15-19 under 35 U.S.C. § 112, second paragraph, claims 1, 5, 9, 11, 15 and 18 have been amended to correct each of the deficiencies specifically pointed out by the Examiner. Accordingly, it is respectfully requested this rejection be withdrawn.

Claim Rejections – 35 U.S.C. § 102(e)

Claims 1-7, 9-13 and 15-19 stand rejected under 35 U.S.C. § 102(e) as anticipated by Kim. This rejection is respectfully traversed.

Amended independent claim 1 is directed to a media router including a media routing control part for giving a time stamp to each TS (Transport Stream) packet of a TS of a digital broadcasting or an analog broadcasting signal. The media routing control part is configured to extract index information including at least one of the TS packet number and information on a type of picture from the TS having the time stamp added thereto. The media router also includes a storage part for receiving and storing the TS having the time stamp added thereto and the index information from the media routing control part. In addition, the time stamp is used as a TS

packet number. Independent claims 9, 15 and 18 include similar features in a varying scope.

These features are supported at least by Figure 1 and the corresponding description in the specification (see, for example, paragraphs [0026] and [0037]). Thus, according to the present invention, a time stamp being used as a TS packet number is given to each TS packet to synchronize the TS packet, and index information including at least one of the TS packet number and information on the type of pictures is extracted. Therefore, no data has to be stored in the storage medium except the TS packet, the time stamp given to the TS packet and the index information, thereby making a simple hardware system and supporting a trick mode reproduction operation (see, e.g., paragraph [0049] of the specification). In this instance, the time stamp is used as the TS packet number (see, e.g., paragraph [0037] of the specification).

On the contrary, Kim does not teach or suggest that the time stamp is used as a TS packet number. Rather, Kim merely shows that the time stamp is added to indicate “the time for the TS to arrive in the coder ... in order to restore the TS in the same time interval in the decoder of the digital VCR.” (see col. 5, lines 31-35). Moreover, Kim fails to teach or suggest a storage part for receiving and storing the TS having the time stamp added thereto and the index information from the media routing control part. Kim only shows that a first buffer “temporarily stores the normal play data with the time stamp added thereto” (see col. 5, lines 36-38). However, Kim does not show that the first buffer stores the index information from the media routing control part.

Accordingly, it is respectfully submitted independent claims 1, 9, 15 and 18 and each of the claims depending therefrom patentably define over Kim.

Conclusion

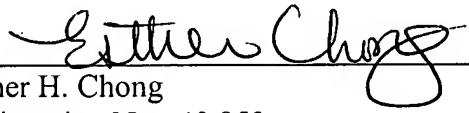
In view of the above remarks, it is believed that claims are allowable.

If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone Jun S. Ha, Registration No. 58,508, at (703) 205-8000.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

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Respectfully submitted,

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